



APM CO., LTD

AAWAP601HW

802.11g/b Wireless LAN PoE Access Point1W High-Power

Features

- High data rate up to 54Mbps network speed
- High Output power1W
- Auto rate fallback in case of obstacles or interferences
- Supports WPA / WPA2 security enhanced function
- Supports WDS(Wireless Distributed System) bridge mode
- Provides station mode to act as a wireless LAN client station
- Supports roaming link integrity
- Supports authentication for wireless connectivity based on ESSID
- Provides 64/128 bit key length WEP data encryption
- Support 18V PoE



Specifications

Standard	802.11b/g(Wireless), 802.3(10BaseT), 802.3u(100BaseT)
Data Transfer Rate	54Mbps(Wireless), 100Mbps(Ethernet)
Modulation Method	CCK (802.11b), OFDM (802.11g)
Frequency Band	2.4GHz – 2.4835GHz ISM Band, DSSS
Output Power	27dBm@OFDM , 30dBm@CCK
Available transmit power (Typical)	30dBm @1, 2, 5.5 and 11Mbps 29dBm@6, 9, 12and 18Mbps 28dBm@24, 36Mbps 27dBm@48, 54Mbps
Receiver Sensitivity	802.11b -82 dBm@8%, 802.11g -66 dBm@10%
Antenna	2dBi RP-SMA Detachable Antenna
Security	64 bit/128 bit WEP, WPA, WPA2,
Power	Input : 100~240V Output : 18V 1.0A
Flash	2MB, SDRAM : 8MB
Channel	USA 11, Europe 13, Japan 14
Sensitivity for 802.11b	1, 2 Mbps (BPSK, QPSK): - 90 dBm / 5.5 Mbps (CCK): - 86 dBm 11 Mbps (CCK): -82 dBm / (typically @PER < 8% packet size 1024 and @25°C + 5°C)
Sensitivity for 802.11g	54Mbps (64QAM): -66dbm ,48Mbps (64QAM): -71dbm 36Mbps (16QAM): -79dbm ,24Mbps (16QAM): -80dbm 18Mbps (QPSK): -81dbm , 12Mbps (QPSK): -82dbm 9Mbps(BPSK): -85dbm , 6Mbps (BPSK): -87dbm (typically @PER < 10% packet size 1024 and @25°C + 5°C)
Humidity	10-90% maximum (non-condensing)
Dimension	135x93x30 mm (LxWxH)